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(54) Title: ADDITIVE FOR THERMOPLASTICS, USE OF AND METHOD FOR ITS MANUFACTURE, METHOD FOR THE MANUFACTURE OF A THERMOPLASTIC CONTAINING SUCH ADDITIVE AND THERMOPLASTIC SO MANUFACTURED

(57) Abstract: Method for preparing an additive for thermoplastic materials to achieve controlled degradation thereof, yet allowing manufacture of very light coloured thermoplastics. The thermoplastics may be processed by means like film blowing, extrusion and injection moulding. A ferric(III) salt is reacted with a C2 - C24 fatty acid or derivative thereof under formation of a fat-soluble ferric(III) compound in a process where a suitable oxidizing agent ensures that all the iron in the end product is maintained in the ferric state. The invention further relates to the additive as such, a method for preparing modified thermoplastics with such additive and finally the thus modified thermoplastic materials.

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